

State of Idaho  
Department of Health & Welfare  
BUREAU OF WATER QUALITY  
BUREAU OF LABORATORIESWATER QUALITY REPORT  
CHEMICAL REPORT

See Back For Instructions

## COPY DISTRIBUTION

White - Person requesting test  
Canary - Lab  
Pink - Water Quality Bureau (Storet)  
Goldenrod - Extra as needed

## LAB NAME (Check One)

- ☐
- Boise
- 
- ☐
- Coeur d'Alene
- 
- ☐
- Idaho Falls
- 
- ☐
- Lewiston
- 
- ☐
- Pocatello
- 
- ☐
- Twin Falls

STORET No. \_\_\_\_\_  
NPDES No. \_\_\_\_\_  
Date of Collection (Yr., Mo., Day) 87/06/29  
Time of Collection \_\_\_\_\_ Depth (Meters) \_\_\_\_\_  
(24 Hr. Clock) Circle One DM DBM DVMSampling Point Location Cyprus Mining  
Date Submitted (Yr., Mo., Day) 87/07/01  
Submitted By D.R. McDowall

## PURPOSE OF SAMPLE (Check one)

- ☐
- Intensive Survey
- ☐
- Trend
- 
- ☒
- Compliance
- ☐
- Other \_\_\_\_\_

## TYPE OF SAMPLES (Check appropriate boxes)

- ☐
- Wastewater
- ☐
- Raw
- ☐
- Final
- ☐
- Chlorinated
- 
- ☐
- Grab
- ☐
- Cross Composite
- ☐
- Depth Integrated
- 
- ☐
- Composite: Begin \_\_\_\_\_ End \_\_\_\_\_

## SAMPLE TAKEN FROM (Check one)

- ☐
- Spring
- ☐
- Creek
- ☐
- River
- ☐
- Reservoir
- ☐
- Well
- 
- ☐
- Lake
- ☐
- Lagoon
- ☐
- STP
- ☒
- Industrial
- ☐
- Drain

## PRESERVED SAMPLES SUBMITTED

- ☐
- Cooled, 4° C
- ☒
- HNO
- <sub>3</sub>
- 
- ☐
- H
- <sub>2</sub>
- SO
- <sub>4</sub>
- ☐
- NaOH
- ☐
- Other \_\_\_\_\_

## STORET DEMAND (mg/L)

- Code
- (00310) ☐ BOD<sub>5</sub> (Est: \_\_\_\_\_) \_\_\_\_\_
- (00335) ☐ COD Low Level \_\_\_\_\_
- (00340) ☐ High Level \_\_\_\_\_
- (00680) ☐ TOC \_\_\_\_\_

## NUTRIENTS (mg/L)

- (00610) ☐ T. Ammonia as N \_\_\_\_\_
- (00615) ☐ T. Nitrite as N \_\_\_\_\_
- (00620) ☐ T. Nitrate as N \_\_\_\_\_
- (00630) ☐ T. NO<sub>2</sub> + NO<sub>3</sub> as N \_\_\_\_\_
- (00625) ☐ T. Kjeldahl Nitrogen as N \_\_\_\_\_
- (00665) ☐ T. Phosphorus as P \_\_\_\_\_
- (00669) ☐ T. Hydrolyzable Phosphorus as P \_\_\_\_\_
- (70507) ☐ Ortho Phosphate as P. \_\_\_\_\_
- (00671) ☐ Dissolved o-Phosphate as P \_\_\_\_\_

## MINERALS (mg/L)

- (00095) ☐ Sp. Conductance (umhos/cm) \_\_\_\_\_
- (00900) ☐ Hardness as CaCO<sub>3</sub> \_\_\_\_\_
- (00410) ☐ T. Alkalinity as CaCO<sub>3</sub> \_\_\_\_\_
- (00425) ☐ Bicarbonate Alk. as CaCO<sub>3</sub> \_\_\_\_\_
- (00430) ☐ Carbonate Alk. as CaCO<sub>3</sub> \_\_\_\_\_
- (00916) ☐ Calcium \_\_\_\_\_
- (00927) ☐ Magnesium \_\_\_\_\_
- (00929) ☐ Sodium \_\_\_\_\_
- (00937) ☐ Potassium \_\_\_\_\_
- (00940) ☐ Chloride \_\_\_\_\_
- (00951) ☐ Fluoride \_\_\_\_\_
- (00945) ☐ Sulphate as SO<sub>4</sub> \_\_\_\_\_
- (00956) ☐ Silica as SiO<sub>2</sub> \_\_\_\_\_

## MISCELLANEOUS

- (00076) ☐ Turbidity (NTU) \_\_\_\_\_
- (00403) ☐ pH (SU) \_\_\_\_\_
- (00720) ☐ Total Cyanide (mg/L) \_\_\_\_\_
- (00116) ☐ Intensive Survey No. \_\_\_\_\_

## STORET RESIDUE (mg/L)

- Code
- (00500) ☐ Total Residue \_\_\_\_\_
- (00530) ☒ Non-Filterable Residue (105° C) (Suspended Solids) 26 26
- (70300) ☐ Filterable Residue \_\_\_\_\_
- (80154) ☐ Non-Filterable Residue (110° C) (Susp. Sediment) \_\_\_\_\_
- ( ) ☐ Other Residue \_\_\_\_\_

## TRACE METALS (ug/L)

## DISSOLVED METALS

- (01000) ☐ Arsenic, Dissolved \_\_\_\_\_
- (01020) ☐ Boron, Dissolved \_\_\_\_\_
- (01025) ☐ Cadmium, Dissolved \_\_\_\_\_
- (01030) ☐ Chromium, Dissolved \_\_\_\_\_
- (01040) ☐ Copper, Dissolved \_\_\_\_\_
- (01046) ☐ Iron, Dissolved \_\_\_\_\_
- (01049) ☐ Lead, Dissolved \_\_\_\_\_
- (01056) ☐ Manganese, Dissolved \_\_\_\_\_
- (71890) ☐ Mercury, Dissolved \_\_\_\_\_
- (01065) ☐ Nickel, Dissolved \_\_\_\_\_
- (01075) ☐ Silver, Dissolved \_\_\_\_\_
- (01090) ☐ Zinc, Dissolved \_\_\_\_\_
- ( ) ☐ Other \_\_\_\_\_
- ( ) ☐ Other \_\_\_\_\_

## TOTAL METALS

- (01002) ☒ Arsenic, Total <10
- (01022) ☐ Boron, Total \_\_\_\_\_
- (01027) ☒ Cadmium, Total <1
- (01032) ☐ Chromium, + 6 \_\_\_\_\_
- (01034) ☐ Chromium, Total \_\_\_\_\_
- (01042) ☒ Copper, Total <10
- (01045) ☐ Iron, Total \_\_\_\_\_
- (01051) ☒ Lead, Total <10
- (01055) ☐ Manganese, Total \_\_\_\_\_
- (71900) ☒ Mercury, Total <0.5
- (01067) ☐ Nickel, Total \_\_\_\_\_
- (01077) ☐ Silver, Total \_\_\_\_\_
- (01092) ☒ Zinc, Total <2
- ( ) ☐ Other \_\_\_\_\_
- ( ) ☐ Other \_\_\_\_\_

Date Completed 87/07/01 DHW Cont. Date Reported 1987/07/01  
Chemist D.R. McDowall

Remarks:

Sample digested for metals.D.R. McDowall DHW Cont. Lab AUG 07 1987

## RETURN TEST RESULTS TO

Name D.R. McDowall  
Address 422 W. Wagh  
City Boise State Id. Zip Code 83702